

541,422

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 July 2004 (22.07.2004)

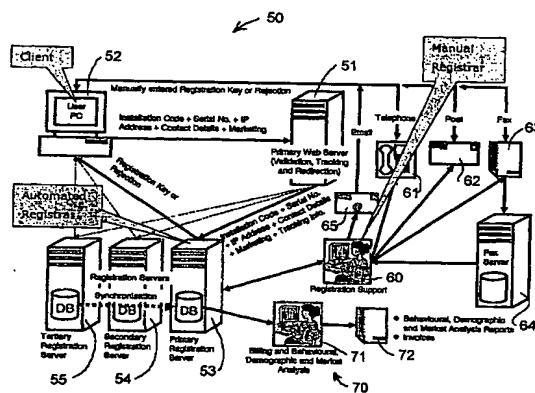
PCT

(10) International Publication Number
WO 2004/061621 A1

- (51) International Patent Classification⁷: **G06F 1/00**
- (21) International Application Number:
PCT/AU2004/000012
- (22) International Filing Date: 7 January 2004 (07.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2003900070 7 January 2003 (07.01.2003) AU
- (71) Applicant (for all designated States except US): SECUREWRAP PTY LTD [AU/AU]; 348 Kooyong Road, Caulfield South, VIC 3162 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): THOMPSON, Michael, Phillip [AU/AU]; 66 Great Valley Road, Glen Iris, VIC 3146 (AU). LESSER, Danny, Jonathan [AU/AU]; 9 Goe Street, Ormond, VIC 3204 (AU). MIDLER, Saul, Pascal [AU/AU]; 36 Hollywood Grove, Carnegie, VIC 3163 (AU). PEARCE, Lillian [AU/AU];
- 50 Hoddle Street, Elsternwick, VIC 3185 (AU). RABINOV, Braham, David [AU/AU]; Unit 3/1 Milburn Grove, Balaclava, VIC 3183 (AU).
- (74) Agent: AHEARN FOX; GPO Box 1149, Brisbane, QLD 4001 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD OF AND SOFTWARE FOR MONITORING DIGITAL INFORMATION



(57) Abstract: A method of monitoring digital information including: creating a secure wrapper around the digital information using a method selected from a first wrapper method including directly embedding a first executable protection software portion in the digital information; or a second wrapper method including linking a second executable protection software portion to the digital information by way of an application program interface (API); or a third wrapper method including modifying the digital information and embedding a third executable protection software portion in the modified digital information; each of the first, second and third executable protection software portion including a specific performance portion operable by a user to perform one or more specific performance tasks, the or at least one of the specific performance tasks including a hardware environment check; selecting one of the first second or third wrapper methods according to the software and development platform of the digital information, the accessibility of the source code of the digital information, and/or the level of monitoring required; executing selected wrapper method by way of the first, second or third executable protection software portions including the steps of intercepting access to the digital information; checking that at least one of the specific performance tasks has been performed, including the hardware environment check has been performed; and validating whether or not the hardware environment corresponds to the hardware environment which has been previously checked.

WO 2004/061621 A1



Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.